

CLAIM AMENDMENTS

The following listing of claims will replace all prior versions and listings of claims in the application:

1. (Previously presented) A building panel, comprising:
 - (a) a curved central portion having transverse corrugations therein;
 - (b) a pair of side wall portions extending from opposite ends of said curved central portion, said curved central portion being concave-shaped from a perspective between said side wall portions, wherein said sidewall portions comprise straight portions that extend tangentially from the concave-shaped curved central portion; and
 - (c) a pair of complementary wing portions extending from said side wall portions.
2. (Canceled).
3. (Previously Presented) The building panel of Claim 1, wherein said curved central portion comprises an arc.
4. (Original) The building panel of Claim 3, wherein said arc ranges from 15° to 130°.
5. (Original) The building panel of Claim 3, wherein said arc ranges from 40° to 130°.
6. (Original) The building panel of Claim 5, wherein said arc ranges from 60° to 120°.
7. (Original) The building panel of Claim 6, wherein said arc is 85°.
8. (Original) The building panel of Claim 3, wherein said arc has a radius ranging from 4 inches to 25 inches.
9. (Original) The building panel of Claim 3, wherein said arc has a radius ranging from 4 inches to 12 inches.

10. (Original) The building panel of Claim 9, wherein said radius ranges from 5 inches to 8 inches.
11. (Original) The building panel of Claim 9, wherein said radius is 6 inches.
12. (Previously Presented) The building panel of Claim 1, wherein said side wall portions extend at an incline from said opposite ends of said curved central portion.
13. (Canceled).
14. (Original) The building panel of Claim 1, wherein one of said wing portions comprises a hook portion and the other of said wing portions comprises a hem portion.
15. (Previously Presented) A building structure, comprising a plurality of interconnected panels, each of said panels comprising:
 - (a) a curved central portion having transverse corrugations therein;
 - (b) a pair of side wall portions extending from opposite ends of said curved central portion, said curved central portion being concave-shaped from a perspective between said side wall portions, wherein said side wall portions comprise straight portions that extend tangentially from the concave-shaped curved central portion; and
 - (c) a pair of wing portions extending from said side wall portions, wherein one wing portion extends from a first of said side wall portions and the other wing portion extends from a second of said side wall portions, wherein said one wing portion from a first of said panels is connected to said other wing portion from a second of said panels.
16. (Canceled).
17. (Previously Presented) The building structure of Claim 15, wherein said curved central portion comprises an arc.
18. (Original) The building structure of Claim 17, wherein said arc ranges from 15° to 130°.
19. (Original) The building panel of Claim 17, wherein said arc has a radius ranging from 4 inches to 25 inches.

20. (Original) The building structure of Claim 15, wherein said one wing portion comprises a hook portion and said other wing portion comprises a complementary hem portion such that said hook and hem portions interconnect.

21-27. (Canceled).

28. (Previously Presented) The building structure of Claim 15, wherein said side wall portions extend at an incline from said opposite ends of said curved central portion.

29. (Previously Presented) The building structure of Claim 15, wherein said central portion is without a longitudinal stiffening notch.

30. (Previously Presented) The building panel of Claim 1, wherein said central portion is without a longitudinal stiffening notch.

31. (New) The building panel of Claim 1, wherein the building panel is curved in a longitudinal direction.

32. (New) The building structure of Claim 15, wherein each of the panels is curved in a longitudinal direction.